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Alexandria Docket No.: 4735.P005

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Soma et al.

Application No.: 10/665,970

Filed: September 18, 2003

For: CHARACTERIZATION OF RADIO  
FREQUENCY (RF) SIGNALS USING  
WAVELET-BASED PARAMETER  
EXTRACTION

Examiner: Bui, Bryan

Art Unit: 2863

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

*See only*

**RESPONSE AND AMENDMENT UNDER 37 C.F.R. §§ 1.114 AND 1.121**

Sir or Madam:

In response to the Office Action mailed January 19, 2006 and to the Advisory Action mailed March 28, 2006, Applicants submit the following Amendment and Remarks. Claim Amendments begin on page 2 of this paper. Remarks begin on page 8 of this paper. Applicants respectfully request that the Examiner reconsider the application.

It is not believed that extensions of time are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such extensions of time are hereby petitioned under 37 C.F.R. §1.136(a). Any fees required therefore are hereby authorized to be charged to Deposit Account No. 02-2666. Please credit any overpayment to the same deposit account.

Kindly enter the following Amendment and consider the following Remarks.

4735.P005  
Serial No. 10/665,970

- 1 -

Examiner: Bui, Bryan  
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and 29 are patentable. (MPEP §2143.03 (citing *In re Fine*, 837 F.2d 1071, 5 USPQ2d 1596 (Fed. Cir. 1988))). Accordingly, Applicant respectfully requests that the Examiner reconsider and remove the rejection to claims 9 and 32.

#### New Claims 39-40

In paragraph 9 of the Office Action, the Examiner indicated that claim 10 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. New claim 39 includes the subject matter of claims 1 and 9-10. Accordingly, Applicants respectfully submit that new claim 39 is in condition for allowance.

New claim 40 properly depends from claim 39, which Applicants respectfully submit is in condition for allowance. Accordingly, Applicants respectfully submit that claim 40 is in condition for allowance.

#### **CONCLUSION**

Applicants submit that all grounds for rejection have been properly traversed, accommodated, or rendered moot and that the application is in condition for allowance. The Examiner is invited to telephone the undersigned representative if the Examiner believes that an interview might be useful for any reason.

Respectfully submitted,  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Date: 4/19/2006

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#### **FIRST CLASS CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

April 19, 2006

Date of Deposit

Yuko Tanaka

Name of Person Mailing Correspondence

Y. Tanaka  
Signature

April 19, 2006  
Date